

# Health Pathways

Newsletter of the Health Professions Career Opportunity Program

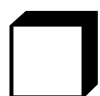
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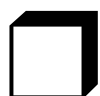
## YEAR 2000

### Postbaccalaureate Programs

#### In this issue...



**Postbac**



**Summer  
Enrichment**



**HCTP**



Postbaccalaureate programs, offered at various colleges and universities, provide students the opportunity to increase their chances for entry into medical, dental, or other health professional schools. Such programs usually consist of intensive introductory courses in math and the basic sciences to improve student knowledge in those areas and prepare the student for graduate work.

One- to two-years long, many programs are tailored to the needs of each student. Some are geared toward assisting non-science majors or assisting the other students in completing courses required for admission to a health professional school. Others stress Medical College Admission Test (MCAT) preparation. Program descriptions, as listed below, are received from the sponsoring schools. For more information about eligibility requirements contact the school directly.

#### California Programs

##### California State University, Dominguez Hills

###### *Postbaccalaureate Program*

**Description:** For students who need to complete premedical undergraduate science courses in preparation for application to professional schools.

**Eligibility:** Students with a BS/BA and above a 2.5 GPA.

**Duration:** One to three years

**Deadline:** June 1 for Fall admission

**Contact:** (310) 243-3388,  
(310) 243-3376

e-mail: Jlyle@DHVX20.csudh.edu  
James Lyle

Department of Chemistry  
CSU, Dominguez Hills  
Carson, CA 90747

**Eligibility:** Enrolled at CSUF.

**Duration:** Contingent upon courses needed. No formal program.

**Deadline:** Rolling admissions

**Contact:** (714) 278-3980

David B. Drath, PhD

CSU, Fullerton

c/o Health Professions Office  
LH203

800 N. State College Blvd.

Fullerton, CA 92834

##### California State University, Hayward

###### *Postbaccalaureate Program*

**Description:** A postbaccalaureate program for students interested in the health professions. Program contents and duration dependent on student's background and needs.

**Eligibility:** Open to all students.

**Duration:** 1 1/2 - 2 years

**Deadline:** None, apply within the University.

**Contact:** (510) 885-2741

Dr. Edward B. Lyke

CSU, Hayward

Department of Biological Sciences  
Hayward, CA 94542

##### California State University, Fullerton

###### *Health Professions Postbaccalaureate Advising*

**Description:** Offers premedical and pre-dental prerequisites plus additional science courses. Research experience available on campus; mock interviews; evaluation of MCAT or DAT scores. No degree or certificate given, and no alliance with any specific medical school. Evaluation process conducted.

## Loyola Marymount University

### *Postbaccalaureate Program*

**Description:** Open to students who lack prerequisite basic medicine. Most undergraduate courses are offered in the day time only, on a space available basis. Students have to apply through admissions as a non-degree student and may take a maximum of 18 semester hours. It is not an organized program. **Eligibility:** Students with a bachelor's degree and a minimum 3.40 GPA.

**Duration:** Regular semester

**Deadline:** Apply within University

**Contact:** (310) 338-5954

Dr. Anthony P. Smulders, Director  
Health Professions Information  
Program

Loyola Marymount University  
7900 Loyola Blvd.  
Los Angeles, CA 90045-8220

## Mills College

### *Postbaccalaureate Premedical Program*

**Description:** General biology, general chemistry, calculus, organic chemistry, physics. Other courses optional. Federal loans (Stafford and SLS) and a limited number of assistantships awarded to second year students. On-campus excellent success rate, individual attention from faculty.

**Eligibility:** Non-science baccalaureate degree from an accredited college or university. Generally, applicants have at least a 3.2 GPA overall. Students may not retake any previously taken science courses. Three letters of recommendation, essay, official transcripts confirming baccalaureate degree, and official GRE general test, SAT, or ACT scores required.

**Duration:** One to two years

**Deadline:** February 1, 2000

**Contact:** (510) 430-3309

fax: (510) 430-2159

e-mail: [Grad-studies@mills.edu](mailto:Grad-studies@mills.edu)  
Office of Graduate Studies  
Mills College  
500 MacArthur Blvd.  
Oakland, CA 94613

## San Jose State University

### *Biological Sciences*

**Description:** Actively encourages students who are changing career directions to enroll as undergraduates – second year bachelor's degree, via standard university admissions procedures. Special advising is provided, including intense personalized assistance in satisfying premedical requirements. Fees are approximately \$1,000 per semester.

**Eligibility:** Contact the school.

**Duration:** Those with technical backgrounds (e.g. engineers) prepare for the MCAT in one year, while those without college chemistry take two years to prepare for the MCAT.

**Deadline:** Inquire within the University.

**Contact:** (408) 924-2429

website: [www.sjsu.edu/depts/Biology](http://www.sjsu.edu/depts/Biology)

Dr. Lee Dorosz

San Jose State University

Biological Sciences

San Jose, CA 95192-0100

## Scripps College

### *Postbaccalaureate Premedical Program*

**Description:** Program provides individuals with the opportunity to pursue a career in health care by offering an intensive curriculum of premedical courses. The small program admits 10-14 students per year and currently has an acceptance rate to medical and veterinary school of 91%. Also has two medical school linkage programs (Temple University, Philadelphia, Pennsylvania and Western University of Health Sciences, College of Osteopathic Medicine in Pomona, California) which allow students early admission to these medical schools. The early decision programs are limited and are only made available to students with superior qualifications.

**Eligibility:** Available to both women and men who have a bachelor's degree in a non-science area with a 3.0 GPA or above; applicants must have taken either an SAT, ACT, or a GRE exam and official scores are required for each applicant. Should possess a strong motivation toward a career in health care as evidenced by volunteer or paid work experience in a health care or social service setting.

**Deadline:** March 1, 2000

**Duration:** 12-15 months

**Contact:** (909) 621-8764

fax: (909) 621-8558

e-mail: [Jolson@Scripps.edu](mailto:Jolson@Scripps.edu)

Scripps College

Postbaccalaureate Premedical Program

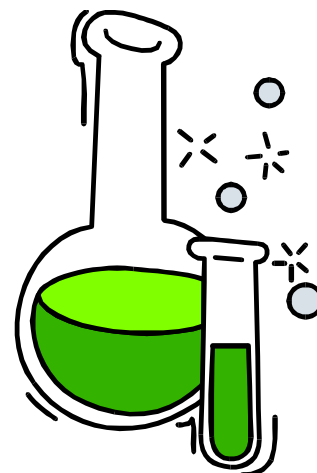
Ms. Jodi Olson

Administrative Director

W.M. Keck Science Center

925 N. Mills Avenue

Claremont, CA 91711



### Health Pathways

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### Guest Articles

Views of contributing writers do not necessarily reflect the policy of the department, agency, or administration. Letters to the editor are encouraged. Although we do not pay for guest articles, manuscripts are welcome. We reserve the right to edit all material.

### Editorial and business office

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Sacramento, CA 95814  
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e-mail: [kmunster@OSHPD.CAHWNET.GOV](mailto:kmunster@OSHPD.CAHWNET.GOV)

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- Karen C. Munsterman, *Associate Analyst*
- Vernon Oakes, *Program Secretary*
- *Student Assistants:* Andrea Alvarez, Marie Manlangit, Rene Porche, Rachel Samaniego, Deanna T. Chrisman

Editors: Andrea Alvarez &  
Marie Manlangit

## Sonoma State University

### *Postbaccalaureate Health Professions Advising Program*

**Description:** Provides the required science courses necessary for admission to doctoral level health professions schools. In addition, the Health Professions Advisory Committee advises students, conducts mock interviews, and prepares a committee letter of evaluation.

**Eligibility:** Must have a BA/BS degree

**Duration:** 2 years

**Deadline:** Fall semester 11/1-1/31; Spring semester 8/1-10/31. Apply as a second BA undergraduate in chemistry.

**Contact:** (707) 664-2334 or (707) 664-2331

e-mail: [Vin.Hoagland@sonoma.edu](mailto:Vin.Hoagland@sonoma.edu)

Dr. Vincent Hoagland, Chair  
Health Professions

Advisory Committee

Department of Chemistry

Sonoma State University

1801 E. Cotati Ave.

Rohnert Park, CA 94928

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## Stanford School of Medicine

### *Postbaccalaureate Program*

**Description:** Stanford HCOP is an innovative six week program that encourages and provides an academic learning environment for talented minority and disadvantaged college sophomores seeking a career in medicine and medical research. The program offers both research and clinical experience in addition to MCAT review, mentoring by Stanford medical students, and workshops in medical school admissions. Weekend cultural activities are available.

**Duration:** June 18-July 28, 2000

**Deadline:** March 31, 2000

**Contact:** (650) 498-4003

fax: (650) 725-5538

Kathryn Fitzgerald

Associate Director, HPCOP

Stanford

851 Welch Road

Palo Alto, CA 94304

## University of California, Davis

### *Postbaccalaureate Reapplicant Program*

**Description:** Stresses fundamentals; MCAT review/preparation during summer component; followed by two quarters of rigorous upper-division science courses individually selected for postbac students. All living and academic costs are covered during summer component; some financial aid available during the academic year.

**Eligibility:** Be considered a socio-economically disadvantaged student and/or show evidence of returning to medically underserved community; completion of an undergraduate degree (or higher) from an accredited American college or university; must be a legal resident of California; prior rejection (via AMCAS application) from an AAMC affiliated medical school; prefer minimum MCAT average of 6.0.

**Duration:** Entering summer (nine weeks) plus three academic quarters-total of ten months.

**Deadline:** May 5, 2000

**Contact:** (530) 752-1852

Director

Postbaccalaureate Program

Office of Student Affairs

UC, Davis

School of Medicine

Davis, CA 95616

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## University of California, Irvine

### *Postbaccalaureate Program*

**Description:** Phase I: an intensive MCAT review course. Phase II: enrollment in full-time upper division science courses to enhance GPA.

**Eligibility:** Designed for socio-economic or financially disadvantaged students who are reapplying to medical school. Possess a BA/BS degree and have fulfilled all premedical requirements.

**Duration:** One year

**Deadline:** April 15, 2000

**Contact:** (949) 824-8930 or

1(800) 824-5388

Eileen Munoz, Program Coordinator  
UC, Irvine

Admissions & Outreach

PO Box 4089

Irvine, CA 92697-4089

## University of California, San Diego

### *School of Medicine*

#### *Reapplicant Summer Course (RSC)*

##### *Phase I Postbaccalaureate Program*

**Description:** Students also participate in fall component, enrolling in UCSD science courses. Extensive mock interviews, videotaped with UCSD School of Medicine Admissions Committee members, intensive MCAT preparation, counseling, reapplicant strategies, and learning skills specialists. Special health issues workshops. Stipend and housing for eight weeks.

**Eligibility (for RSC and Postbac):** Educationally/economically disadvantaged student; California resident and U.S. citizen or permanent resident. Bachelor's degree; already applied to medical school and received interview; taken MCAT; completed one year chemistry, organic chemistry, physics, biology, and math; minimum 2.7 science GPA; and proven commitment to serve health care needs of underserved communities.

**Duration:** Three months

**Deadline:** June 1, 2000

##### *Phase II Postbaccalaureate Program*

**Description:** Extension of Reapplicant Summer Course, enrollment at UCSD for academic year is Phase II of the Postbaccalaureate Program. Undergraduate science courses (primarily upperdivision) to strengthen science profile. Course tutoring. Reading and writing skills specialists available. Clinical skills. Opportunity to participate in research projects and volunteer clinics. Special workshops and counseling. Secure own housing. The student will be required to reside in San Diego for program duration.

**Duration:** Nine months

**Contact:** (619) 534-4170

Sandra Kirk, MS, Director

HCOP Student Outreach

UCSD, School of Medicine

Date Building, Room 105

9500 Gillman Dr. #0655

La Jolla, CA 92093-0655

## University of California, San Francisco School of Medicine

### *Postbaccalaureate Program*

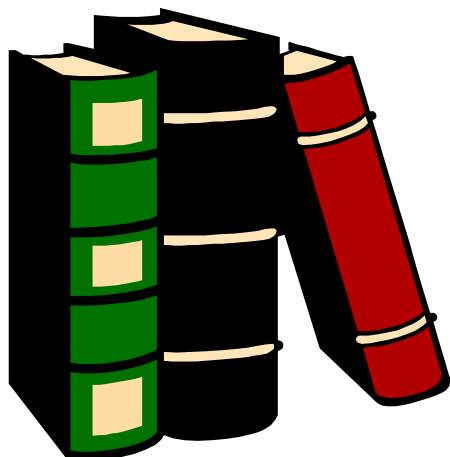
**Description:** Designed to help individuals increase their chances of gaining admission to medical school by offering intensive MCAT review, assistance with medical school application, science courses, seminars on health care issues in underserved communities, and individual counseling. Workshop to enhance skills in critical thinking, verbal reasoning, time management, and stress management techniques. A modest stipend will be offered to each participant to assist with meals and incidental expenses.

**Eligibility:** Have a 2.3 GPA or higher, minimum combined MCAT score of 15 (minimum of 5 on each section); be a legal resident of CA; have completed an undergraduate degree or higher from an accredited U.S. university or college; have been previously unsuccessful in gaining admission to medical school in the U.S.; be considered disadvantaged.

**Duration:** 11 months

**Contact:** (415) 476-5348

Postbaccalaureate Reapplicant Program  
UCSF School of Medicine  
Office of Extramural Academic Programs  
513 Parnassus Avenue, Box 0410  
San Francisco, CA 94143-0410



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## Out of State Programs

### Armstrong Atlantic State College

#### *Postbaccalaureate Program*

**Description:** Allows students many options to meet their needs and interests. The student may take undergraduate courses to complete premedical requirements, to review course materials as preparation for the Medical College Admission Test (MCAT), to complete a second undergraduate degree, or for general interest. The student may engage in medical internships and/or do volunteer work to gain experience in medical fields. One option will allow qualified students to take graduate courses with the possibility of working toward a master's degree in Public Health or Health Care Administration. Standard Financial aid is available.

**Eligibility:** Students who lack prerequisites basic to medicine.

**Duration:** Depends on the needs and interests of the individual student.

**Deadline:** Student may apply at any time consistent with the university application procedures and start at the beginning of any semester.

**Contact:** (912) 927-5279/927-5293

Henry E. Harris  
Armstrong Atlantic State College  
College of Arts and Sciences  
Savannah, GA 31419-1997

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### Assumption College

#### *Postbaccalaureate Certificate Program*

**Description:** Postbaccalaureate certificate undergraduate course preparation for professional schools in health fields.

**Eligibility:** Students who have not majored in one of the natural sciences.

**Contact:** (508) 767-7293

Allan Barnitt  
Assumption College  
Division of Natural Sciences  
Worcester, MA 01615-0005

### Avila College

#### *Postbaccalaureate Premedical Program*

**Description:** Designed to prepare students with a minimal science background to apply to medical school.

**Eligibility:** Bachelor's degree and a minimum 3.0 GPA.

**Duration:** Two years or less.

**Deadline:** May 28, 2000

**Contact:** (816) 942-8400, ext.2255

e-mail: [sullivancl@mail.avila.edu](mailto:sullivancl@mail.avila.edu)

Dr. C. Larry Sullivan, Chairperson  
Avila College

Department of Natural and Allied  
Health and Sciences and Mathematics  
11901 Wornall Road  
Kansas City, MO 64145

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### Bryn Mawr

#### *Postbaccalaureate Premedical Program*

**Description:** Full-time work, undergraduate sciences. Provisional early school admissions option for well-prepared students. Limited scholarships. Strong advising; excellent medical school acceptance rates.

**Eligibility:** Career change; bachelor's degree; neither previously applied to medical school nor taken premed courses, minimum 3.0 GPA.

**Duration:** One academic year, one to two summers.

**Deadline:** Rolling admissions; final deadline; June 1 of application year.

**Contact:** (610) 526-7350

e-mail: [www.brynmawr.edu/admins/postbac](http://www.brynmawr.edu/admins/postbac)

Jodi Bergman Domskey, Asst. Dean  
Health Professions Advising Office  
Bryn Mawr College  
101 North Merion Ave.  
Bryn Mawr, PA 19010

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### Columbia University

#### *Postbaccalaureate Premedical Program*

**Description:** Program seeks to attract students who did not prepare for medical school as undergraduates or for careers in veterinary medicine, dentistry, physical therapy, osteopathic medicine, and physician assisting. Financial aid is available from student loans and college work-study. An active student premedical association sponsors support programs and social activities. Admission linkage agreement with six medical schools: Brown, SUNY/Stony Brook, Trinity/Dublin, Brooklyn, MCP/Hahnemann, Temple, and Jefferson.



**Eligibility:** Bachelor's degree, minimum 3.0 GPA, and a record of academic accomplishment.

**Duration:** Two years full-time or flexible part-time start.

**Deadline:** Rolling admissions

**Contact:** (212) 854-2772

e-mail: [gs-admit@columbia.edu](mailto:gs-admit@columbia.edu)

website: [www.columbia.edu/cu/gs/postbac](http://www.columbia.edu/cu/gs/postbac)

Thea L. Volpe, PhD, Director  
Postbaccalaureate Premedical Program  
Columbia University  
2970 Broadway, MC 4101  
New York, NY 10027

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## Duquesne University

### *Postbaccalaureate Premedical Program*

**Description:** Designed for both students with a non-science background (career changers) and those with a science background (enhancement program). The curriculum is individually designed based upon the student's academic background.

Linkage agreements exist with Temple University School of Medicine, and the Lake Erie College of Osteopathic Medicine. The linkage agreements allow students to matriculate into medical school a year earlier than normal by omitting the "glide year."

**Eligibility:** Minimum 3.0 GPA; 1100 SAT score, or 26 ACT score; two faculty letters of recommendation; personal statement; and interview at Duquesne University.

**Duration:** One to two years, based on student's academic history and performance within the program.

**Deadline:** October 15, 1999, for Spring admission; May 15, 2000, for Fall.

**Contact:** (412) 396-6335

fax: (412) 396-5587

Kenneth Boyd, PhD, Director

e-mail: [boyd@duq2.cc.duq.edu](mailto:boyd@duq2.cc.duq.edu)

Laura Mangano, Assistant Director

e-mail: [mangano@duq2.cc.duq.edu](mailto:mangano@duq2.cc.duq.edu)

Duquesne University  
Postbaccalaureate Premedical Program  
B101 Bayer Learning Center  
Pittsburgh, PA 15282-0300

## Goucher College

### *Postbaccalaureate Premedical Program*

**Description:** Full-time, one-year program in undergraduate premedical sciences. Curriculum includes two semesters each of general chemistry, physics, organic chemistry, and biology. Designed for non-science majors. Financial aid is available.

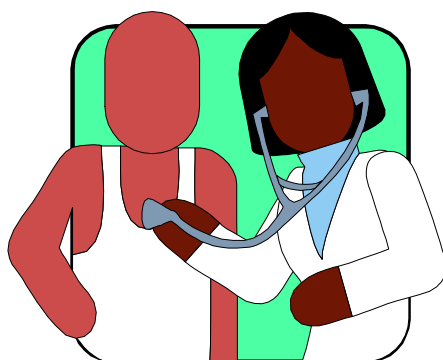
**Eligibility:** Bachelor's degree, neither previously applied to medical school, nor taken the MCAT. Competitive undergraduate record. SAT or GRE scores, two letters of recommendation, personal statement.

**Duration:** One full calendar year

**Deadline:** Rolling admissions

**Contact:** (800) 414-3437

Liza Thompson, Director  
Postbaccalaureate Premedical Program  
Goucher College  
1021 Dulaney Valley Road  
Baltimore, MD 21204-2794



## Harvard University Extension School

### *Health Careers Program*

**Description:** Pursuit of postbaccalaureate premedical requirements in supportive setting.

**Eligibility:** Application with \$100 fee, and transcripts. Applicant sponsorship based on grades in program.

**Duration:** Two years, part-time

**Deadline:** Rolling admissions

**Contact:** (617) 495-2926

Dr. William Fixsen or Owen Peterson  
Health Careers Program  
Harvard University Extension School  
51 Brattle Street  
Cambridge, MA 02138

## Immaculata College

### *Postbaccalaureate Program*

**Description:** Offers a non-degree program of study for highly capable college graduates who wish to prepare for application to medical school or to graduate programs in allied health fields. Program is designed for students who did not complete courses required for admission to medical schools or to graduate programs in allied health fields.

**Duration:** One to two years

**Contact:** (610) 647-4400, ext. 3273

Dr. Susan Cronin, IHM, PhD.

Immaculata College—Box 650

Immaculata, PA 19345

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## Michigan State University College of Human Medicine

### *Advanced Baccalaureate Learning Experience (ABLE) Program*

**Description:** Minimum 12 hours per semester. Select CHM medical basic science courses (minimum two per semester). Higher-level undergraduate science courses from College of Natural Science. Reading assessment, diagnostic tests; individualized program to strengthen needed skills.

Note-taking, study-skills, time management, test-taking sessions. Admission to CHM for those who complete program according to criteria. If admitted to CHM, some stipend per day for HCOP eligible students.

**Eligibility:** Applicant to MSU-CHM placed in Hold category by admissions committee. Special letter, brief follow-up application to each candidate.

**Duration:** Thirteen months, includes two summers.

**Deadline:** No direct application. Must have applied to CHM.

**Contact:** (517) 355-2404

Wanda Lipscomb, PhD

ABLE Program Director

College of Human Medicine

Michigan State University

A254 Life Science Bldg.

East Lansing, MI 48824-1317

## New York University

### *Postbaccalaureate Program*

**Description:** Designed for students with non-science backgrounds interested in pursuing a career in medicine. Part-time; no degree; no financial aid given; on-campus housing not encouraged; not remedial or designed to enhance records for undergraduate. Minimum four-course completion for medical school letter of recommendation form NYU. Extensive evaluation process.

**Eligibility:** 3.0 minimum GPA. Bachelor's degree from accredited school or foreign equivalent. Transcripts, statement of purpose explaining reasons for career change, and other motivating factors.

**Duration:** One to two years

**Deadline:** Dec. 1, 1999, for Spring; Aug. 1, 2000, for Fall.

**Contact:** (212) 998-8160

fax: (212) 995-4549

e-mail: [prehealth@nyu.edu](mailto:prehealth@nyu.edu)

New York University

College of Arts and Sciences

Preprofessional Advisement Office

100 Washington Square East

Rm. 904 Main Bldg.

New York, NY 10003-6688

## Ohio University

### **College of Osteopathic Medicine**

#### *Postbaccalaureate Program*

**Description:** Students complete upper level science courses and learning activities as defined in individual learning contracts. Each student will take courses in biochemistry, physiology, anatomy, and/or other biological sciences. Tutoring services and survival skills workshops will be available. Financial aid available in the form of tuition waivers.

**Eligibility:** Students must have applied to the Ohio University College of Osteopathic Medicine and have been interviewed, completed a Bachelor's degree with minimum course requirements for admission, taken the MCAT, and be a citizen or permanent resident of the United States.

**Duration:** Eleven months

**Contact:** (740) 593-2365

fax: (740) 593-0892

Ava Crump, Director

Ohio University

College of Osteopathic Medicine

Grosvenor Hall

Athens, OH 45701

## Pennsylvania State University

### *Postbaccalaureate Premedical Programs*

**Description:** Offers a 15 month Postbaccalaureate Premedical Certificate Program at the University Park campus. Program is for academically talented, highly motivated college graduates who do not have a science background but who now wish to prepare for admission to medical school or to dental, optometry, podiatry, veterinary, physical therapy or allied health schools. Schedules can be flexible—you may enroll as either a full-time or part-time student and attend either regular daytime or evening classes. In-state tuition \$244/credit, out-of-state tuition \$528/credit for Fall 1999.

**Eligibility:** Students with majors in areas other than a life science; minimum 3.0 GPA; SAT of 1100 or better.

**Duration:** 15-24 months. Program consists of 38 credits of prerequisite science courses that can be completed in two semesters and two summer sessions or in four semesters.

**Deadline:** Spring semester—Oct. 15, 1999; Summer semester—June 15, 2000.

**Contact:** (800) 778-8632

e-mail: [mrx22@psu.edu](mailto:mrx22@psu.edu)

Mildred Rodriguez, PhD

Professor of Biology

Pennsylvania State University

213 Whitmore Laboratory

University Park, PA 16802-6101

## Rutgers, The State University of New Jersey University College- New Brunswick

### *Postbaccalaureate Prehealth Program*

**Description:** Preparation for application to medical and other health professional schools in a supportive environment. Program also serves students who wish to improve their GPA. Students have an opportunity to take courses taught by distinguished New Brunswick faculty with undergrad students. Intensive MCAT preparation for April and August exams. Advising, counseling and health careers workshops.

**Eligibility:** Bachelor's degree in any field from an accredited institution with a minimum 3.0 GPA. Application with \$50.00 fee and transcripts.

**Duration:** One to two years.

**Deadline:** Rolling admissions.

**Contact:** (908) 932-7234

Dr. Victoria C. Ukachukwu

Director of Special Programs

University College—New Brunswick

35 University Avenue

Rutgers, The State University

of New Jersey

New Brunswick, NJ 08901

## Southern Illinois University, Carbondale (SIUC)

### *Medical/Dental Education Preparatory Program (MEDPREP)*

**Description:** Assistance in admission to and preparing for medical/dental school; MCAT prep; enrichment in biology, chemistry, physics, math, reasoning in reading and writing, study skills; counseling. MEDPREP advisor helps develop academic plan tailored to needs, including university and MEDPREP courses. Course credits; no degree given. Tuition rates as for SIUC; some tuition scholarships. Standard financial aid process (loans). No application fee.

**Eligibility:** 2.0 total GPA, 2.0 math/science GPA; U.S. citizen or permanent resident. Targeted minority from any state, or educationally disadvantaged Illinois residents.

**Duration:** Eighteen months to two years (individualized).

**Deadline:** February 1, 2000 for June 2000 entry.

**Contact:** (618) 536-6671

e-mail: [Vfelts@som.siu.edu](mailto:Vfelts@som.siu.edu)

<http://son.siu.edu.medprep>

Vera Felts, Admissions Coordinator

MEDPREP, School of Medicine

Southern Illinois University

Carbondale, IL 62901-4323



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## Dr. Susan Sawyer—Giving Back to Minority Communities

Susan graduated from the Southern California College of Optometry in 1998. The four-year professional degree program is the third oldest Optometry college in the United States. Currently, there are 17 Schools and Colleges of Optometry in the U.S.

“As an African-American woman, I understand the importance of positive professional representation in the community. I have been fortunate to have experienced the positive effects of role models in my adult life and realize a responsibility to give back to our communities. As an Optometrist in the community, one of my goals is to serve as an example of the type of success that can be achieved through determination and hard work. My motivation to become a health care provider was sparked by several factors, but the conversation I had with my Optometrist, Dr. Marc Simmons, changed my life. Now, it is my turn to encourage other minorities to consider the field of Optometry. Giving back is a way of saying thank you to those who helped me pursue the wonderful field of Optometry.”

Susan Sawyer, O.D. graduated from Virginia State University (one of over 100 historically Black universities in the South) in 1972, with a Bachelor of Science degree in Business

Information Systems. After working as a software engineer in the aerospace and defense industry for 16 years she was seeking a career change and considered the health professions. In 1990, despite her long break from academics, she returned to college on a part time basis, while continuing to work as an engineer. She took



science and math courses to complete the prerequisites for admissions to a health professional program.

Susan’s interest in Optometry was stimulated by two factors. For five years, she watched her Mom struggle with glaucoma and cataracts and her interest in Optometry heightened after her mother had surgery for these conditions. During her mother’s recovery, Susan became aware that her mother’s sight has been irreparably damaged due to glaucoma. “I conferred with an Optometrist

who told me that the damage to my mother’s vision could have been minimized if a proper diagnosis had been made early.” Susan felt helpless in the situation and became determined to pursue Optometry as a career so that she could spare others the same fate as her mother.

Her interest in a career in Optometry was further stimulated by a routine visit to her local Optometrist in Inglewood, California, Dr. Marc Simmons (also a Southern California College of Optometry graduate). “He was the first African-American Optometrist that I had ever met and we connected right away. I went in for my annual exam and had a conversation with him that changed my life. We talked about my interest in health care, my mother’s surgery, and the need for good health care in our community.” When she met Dr. Simmons, she realized that her training as an engineer and her love for helping people made Optometry a clear choice. “Dr. Simmons has been a wonderful role model for me in the optometric profession.”

Since Susan’s graduation day, she has taken National Board exams and the California Board. Upon successfully passing the Boards on her first try, she applied for a position with Riverside-San Bernardino County Indian Health, Inc. (RSBCIHI), which is a

(See *Sawyer*, on page 9)

*As part of the Health Careers Training Project's attempt to provide you with information regarding allied health occupations, each issue will focus on at least one allied health profession, and will include specific information regarding: job duties, working conditions, employment trends, salaries, entrance requirements, and advancement opportunities.*

## **Emergency Medical Technicians and Paramedics**

### **The Job**

**Emergency Medical Technician-I (EMT-I)** These are skilled medical workers who respond by ambulance to medical emergencies for the injured and ill. They are sent to emergencies by specially trained dispatchers who maintain radio contact or patch them through to medical professionals for ongoing instructions. Following instructions, they examine victims to determine the nature and extent of injury or illness and administer first aid and emergency Basic Life Support (BLS), such as giving oxygen and doing cardiopulmonary resuscitation (heart/lung revival). They continue the BLS treatment during transport to hospitals. They help the emergency room staff do pre-admittance treatment and obtain medical histories.

**Emergency Medical Technician-II (EMT-II)** These medical workers perform all of the tasks required of *EMT-I*s plus more complex procedures such as inserting intravenous catheters, administering intravenous glucose solution, administering a limited number of drugs, and obtaining blood samples for laboratory analysis. In certain emergency situations, the *EMT-II*s may be approved to perform advanced life support procedures.

**Emergency Medical Technician-Paramedics (EMT-Ps)** belong to the same group of emergency medical occupations

as *EMT-I*s and *EMT-II*s. They are the most highly trained workers of the group and are skilled medical care givers, trained in all phases of emergency, pre-hospital care, including emergency Advanced Life Support (ALS) treatment. They give immediate help to victims—of accident or sudden illness—at the scene and continue during ambulance transport to hospitals. Under the direction of a physician, paramedics can administer some drugs orally or by injection, insert breathing-aid devices, use stomach suction equipment, use and interpret heart monitoring equipment and do other emergency medical procedures during the ambulance ride.

*EMTs* are trained on ambulance operations and procedures. They drive emergency vehicles with special communication and medical equipment and check their vehicles daily and keep them in excellent condition and well stocked with medical supplies.

### **Working Conditions**

*EMTs*, usually working in two person teams, must maneuver safely and quickly through traffic while obeying traffic safety laws. Their response times are carefully tracked, and they are expected to reach the emergency scene within a specified number of minutes. Their very important work saves many lives, but it also deals with human suffering and, often, tragedy. Sometimes children are the victims. They cope with all kinds of emer-

gencies involving many people—from victims of heart attacks to multiple vehicle accidents or natural disasters like earthquakes and floods. Sometimes the injured are trapped in wreckage. Technicians must deal with both upset or distraught victims and excited bystanders while controlling the scene with calmness and a reassuring manner.

Turnover for this occupational field is high. This is mainly due to the unusual work hours and the stress brought on by constantly working in a crisis environment.

Most *EMTs* work for private ambulance companies. Some *EMT-Ps* work for city and county emergency services agencies.

### **Employment Outlook**

The following information is from the California Projections of Employment published by the Labor Market Information Division.

Estimated number of workers in 1990—8,270  
Estimated number of workers in 2005—10,640  
Projected growth percentage 1990-2005—29%  
Estimated openings due to separations by 2005—1,270

(These figures do not include self-employment nor openings due to turnover.)

Employment of *EMTs* by the year 2005 is expected to be

(See *EMT* on page 10)



(Sawyer, from page 7)

managed care facility providing services to Native Americans throughout Riverside, San Bernardino, and Imperial Counties. “When I was a fourth-year student, one of my clinical assignments was a 12 week rotation at the Anadarko, Oklahoma US Department of Public Health Services in Indian health, and it was fascinating. My patients were so warm and accepting of me in my role as a health care provider. The Indian Health Service opened my eyes and made me aware that there is a serious need for vision care among the Native American population. I always thought that most of the need was in the inner cities, but as a student clinician in Oklahoma, I saw a need there, too.”

In 1998, Susan started her professional career at the Highland Indian Clinic located in San Bernardino County in California. “There are so many parallels between native Americans and African-Americans in regards to ocular disease, especially diabetes and high blood pressure. Glaucoma is also very prevalent in both cultures. Poor eating habits and lack of health education in conjunction with lack of access to health care escalates the problem. Other shared similarities in the populations are a spiritually rich background and a deep sense of culture. I get a chance to listen to patients, especially, ‘the elders’ tell me stories about how their last name became *Afraid of the Bear*, *Rising Wolf*, *Chase the Bear*, or my favorite, *Feather Hat*. These stories are historical and give me a better understanding of their culture.” The U.S. Public Health Service does a great service by providing the Indian Community with care across the United States. “Indians live in remote rural areas of this country and health care is

needed for the survival of the people.”

Even though Susan is employed full time at the Highland Indian Clinic, she also works part-time in private practice on the weekend. She is currently working in Dr. Simmons’ office in Inglewood, California. The patient base in this office is evenly divided between African-Americans and Hispanics. “For so many of the minority patients I see, I’m the first to diagnose serious health problems. By examining the eye, I can see the signs of diabetes, high blood



pressure, high cholesterol, or thyroid problems, for example. I find that I spend a lot of time educating my patients about these diseases. I also refer these patients to their physician when necessary. Sometimes they have never had a general health screening by a physician before their visit to my office.”

Giving back to the community is a constant goal for Susan. She is making sure that access to quality health care services are available in minority communities. “I want to provide a meaningful contribution to the communities that are in need of health care. Providing quality patient care and early detection of common illnesses, especially ocular diseases, while making sure I’m a

positive role model for the community is my goal.”

### **Optometry Admissions Criteria**

Schools and Colleges of Optometry vary in entrance requirements. We strongly urge you to investigate the requirements for the schools you are considering. This information may be obtained from “Schools and Colleges of Optometry: Admission Requirements,” a booklet that your prehealth advisor has available or view the Association of Schools and Colleges of Optometry website: <http://home.opted.org/asco> or call ASCO at (301) 231-5944.

### **Southern California College of Optometry** Fullerton, CA 92831

You are invited to attend our  
**24<sup>th</sup> Annual Minorities in Optometry Program.**

November 13, 1999,  
9:00 a.m. – 1:00 p.m.  
Attendees will be able to interact with SCCO students, Optometrists and the Admissions staff as well as participate in campus tours and demonstrations.

For registration information please call the college at 1(800)829-9949, ext. 444 or e-mail: [admissions@ssce.edu](mailto:admissions@ssce.edu) or for our website: [www.scco.edu](http://www.scco.edu).

(*EMT*, from page 8)

above the average growth for all occupations primarily because of the rapidly expanding aging population. Recent surveys show that there is more demand for *EMT-Ps*, who are usually placed as soon as they complete required certification because of their advanced training and experience.

The Emergency Medical Services Authority estimated that there are approximately 35,000 *EMT-Is*, and 6,000-7,000 *EMT-Ps* currently certified in California. No information exists on the number of certified *EMTs* who are actually working in the job classification, but the large number of certificates does not reflect an accurate picture of worker supply and demand. Many firefighters and police officers have *EMT* certificates; in these occupations it is only part of the job requirement rather than the entire job.

## **Wages, Hours and Fringe Benefits**

Salary ranges vary widely between geographical areas and employers who may be private or public ambulance services organizations. The following information shows hourly wages for entry, experienced, and journey-level and is from recent county surveys of *EMT* salaries.

### **Emergency Medical Technician I**

Entry—\$4.25-11.80  
Experienced—\$4.50-13.90  
Journey level—\$4.75-16.30

### **Emergency Medical Technician-Paramedic**

Entry—\$6.50-13.50  
Experienced—\$6.50-18.75  
Journey level—\$7.75-20.50

## **Entrance Requirements and Training**

The state Emergency Medical Services (EMS) Authority and county EMS offices certify *EMT-Is*, *EMT-IIs* and *EMT-Ps* based on the following requirements:

**EMT-I:** (certified by county EMS offices)

- Minimum age: 18
- Approved *EMT* training-100 hours
- Supervised clinical experience-10 hours
- Valid California driver's license
- 24 Hours of refresher training or continuing education every two years
- Length of certification—two years
- Tested for recertification every four years

**EMT-II:** (certified by county EMS offices)

- Minimum age: 18
- High school diploma or equivalent
- EMT-I* certification and one year field experience
- Minimum of 210 hours of approved classroom and skills laboratory training
- 96 hours clinical training and field internship
- Minimum of 20 emergency advance life support patient contacts
- Recertification examination every two years
- 48 hours of continuing education every two years
- Six field care audits of patient care records yearly

**EMT-P:** (licensed by state EMS Authority)

- Age 18 with high school diploma or equivalent

- Valid *EMT-I/II* certificate
- 320 hours-approved classroom and skills laboratory
- Approved hospital clinical training—160 hours
- Approved field internship-460 hours with a minimum of 40 patient contacts who required emergency advanced life support assistance
- Continuing education every two years-48 hours including 12 hours of field care audits
- Licensed by state

Paramedics with military experience who are on the national registry are eligible to challenge the skills exam to meet registration requirements set by the state EMS Authority. Additional training may be required.

## **Additional Sources of Information**

California Emergency Medical Services Authority  
1930 9<sup>th</sup> Street, Suite 100  
Sacramento, CA 95814  
(916) 322-4336

Local EMS agencies serve each county. Call the California Emergency Medical Services Authority for a list of these agencies.

*Source: State of California, Employment Development Department, Labor Market Information Division, Information Services Group (916) 262-2162*

## Towson University

### *Postbaccalaureate Premedical Program*

**Description:** Not remedial. For the outstanding preprofessional who has yet submitted application to medical, dental school, or taken MCAT, DAT. Science courses for admission to U.S. medical, dental schools. Small classes, labs. Flexible curriculum.

**Eligibility:** Non-science or science major; did not take courses for admission to professional school; accredited bachelor's degree; preparing for admission to professional school; for medical school, minimum undergraduate 3.4 GPA; dental, minimum 3.0 GPA.

**Duration:** One year. Additional semesters optional.

**Deadline:** Rolling admissions. Final deadline is March 1, 2000.

**Contact:** (410) 830-3042

Caryl E. Peterson, PhD, Coordinator  
Premedical/Predental Programs  
Department of Biological Sciences  
Towson University  
Towson, MD 21252

## University of Connecticut (UConn)

### *At Storrs School of Medicine*

#### *Postbaccalaureate Program*

**Description:** Program A: Designed for students who have little or no science preparation. Program B: Designed for students who have completed the college science prerequisites. A separate summer-to-summer Health Career Opportunity Program is linked to Program B.

**Eligibility:** Completed baccalaureate degree program from an accredited college or university; admitted students usually have at least a B-/B+ 3.0 GPA. For retention, must carry minimum 15 credits and maintain at least B+ average each semester.

**Duration:** Program A: two years. Program B: one year. Health Career Opportunity Program: summer-to-summer.

**Deadline:** Fall semester: June 15, 2000; Spring semester: November 1, 1999; Health Career Opportunity Program: May 1, 2000

**Contact:** (860) 679-3874

fax: (860) 679-1282

Keat Stanford, Director  
Postbaccalureate Program  
UConn Health Center, SOM  
263 Farmington Avenue  
Farmington, CT 06030-1905

## University of Miami, Coral Gables

### *Postbaccalaureate Program*

**Description:** Program A—Career Changers. Program B—Completed premedical preparation. No degree given. Graduate and undergraduate courses. Individual advisement. Full facilities and support services.

**Eligibility:** Bachelor's degree; minimum undergraduate 3.3 GPA in junior, senior years. For retention, maintain 3.5 GPA with minimum 12 credits/semester.

**Duration:** 2 years full-time.

**Deadline:** Varies. Rolling admissions.

**Contact:** (305) 284-5176

Deborah Paris-Herbert, Co-chair  
Committee on Prehealth Studies  
University of Miami, Coral Gables  
College of Arts and Sciences  
P.O. Box 248004  
Coral Gables, FL 33124

## University of North Carolina, Greensboro

### *Premedical/Predental Postbaccalaureate Program*

**Description:** Designed for students who did not take the required courses to enter medical or dental schools as undergraduates, but who have decided to make a career change. Prepares students to take the MCAT or the DAT. Program is for students with either no science background or just have a few courses to complete.

**Duration:** 12 months

**Contact:** (336) 334-5391

Robert E. Cannon, Chairman  
Premedical Advisory Committee  
Department of Biology  
P.O. Box 26174  
UNC Greensboro  
Greensboro, NC 27402-6174

## Wake Forest University School of Medicine

### *Postbaccalaureate Development Program*

**Description:** Two calculus courses, organic chemistry I and II, general physics I and II, three advanced biology courses. Study skills and problem-solving workshop. Tuition waived. Student responsible for own housing expenses.

**Eligibility:** Underrepresented minority/disadvantaged students; accredited undergraduate degree; 2.5 GPA or higher; MCAT mean of 7 on verbal reasoning, physical science, biological science; N on writing sample.

**Duration:** One year

**Deadline:** Feb. 15, 1999

**Contact:** (336) 716-4201

Velma G. Watts, PhD  
Student Services/  
Office of Minority Affairs  
Wake Forest University  
School of Medicine  
Medical Center Blvd.  
Winston-Salem, NC 27157-1037



# YEAR 2000 Summer Enrichment Programs

Summer Enrichment programs, offered through various organizations, colleges, and universities, provide students the opportunity to increase their chances for entry into medical, dental, or other health professional schools. Such programs may include introductory courses in math and the basic sciences to improve student knowledge in those areas needed to prepare the student for graduate work; scientific problem solving, and analytical skills development and test-taking strategies for standardized tests like the Medical College Admission Test; clinical preceptorships; and to do research in labs with experienced scientist. For more information regarding eligibility requirements, contact the school directly.

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## California Programs

### American Heart Association, Burlingame

#### *Student Research Program*

**Description:** Cardiovascular research in California labs with experienced scientists. \$2,500 stipend. No college credits.

**Eligibility:** Full-time California, Nevada, Utah college or university student or state resident. Junior or senior status in Fall 1999 or students who graduate in December 1999 or later. Students must have completed a total of at least four semester or six quarter of biology, physics, chemistry and one quarter of calculus, statistics, computational methods or computer science. Transcripts, two letters of recommendation.

**Duration:** Ten weeks

**Deadline:** Jan 15, 2000

(request application by Dec 15, 1999)

**Contact:** (415) 259-6700

Research Department

American Heart Association

1710 Gilbreth Road

Burlingame, CA 94010

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### Charles R. Drew University of Medicine & Science Center for Educational Achievement (CEA)

#### *Summer MCAT Preparation Program*

**Description:** Includes scientific reading, science problems, organic and biochemistry, physics, quantitative analysis, biology, verbal reasoning, reading, and writing. Learning study and test-taking skills development is an essential element of the program.

Academic counseling and assistance with AAMCAS preparation provided. Students learn about the King/Drew Medical Center faculty, departments, community resources, and medical resident. Saturday exams, three mock MCATs. Required to stay in California State University, Dominguez Hills apartments. Books, stipend included

for eligible students.

**Eligibility:** Application; transcripts; letters of intent; skills assessment; required medical school courses; in-person or telephone interview; financial aid documents if applicable; science & math. 2.1 GPA minimum.

**Duration:** Seven weeks

**Deadline:** March 31, 2000

**Contact:** (323) 563-4926

Mary R. Blanding or Carolyn Jackson

Center for Educational Achievement

Charles R. Drew University

School of Medicine and Science

1731 East 120<sup>th</sup> Street

Los Angeles, CA 90059

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### San Diego State University

#### *Collegiate Union for Health Related Education (CUHRE)*

**Description:** Offers complete program of assistance to help you succeed in entering a professional school in your chosen profession: Enrichment instruction in math and all premedical science coursework; student and health professional mentors; Peer and professional advising. \$10.00 dues per semester. You must submit an application; students are evaluated by an advisory board.

**Eligibility:** Acceptance at SDSU for the following or current semester; demonstrated potential and interest in pursuing a degree in medicine, dentistry, veterinary medicine, or physician assistant; a high school or college science and overall 2.5 GPA or better; U.S. citizen or permanent resident.

**Contact:** (619) 594-2160

Dr. Cynthia Lewis, Advisor to CUHRE

10464 Clairemont Mesa Blvd.

PMB# 171

San Diego State University

San Diego, CA 92124

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### San Jose State University

#### *HCOP Summer Enrichment Program*

**Description:** Preparatory courses available for undergraduate students interested in an allied health profession. Meet with community health educators, health administrators, dietitians, and occupational therapists. Preparatory courses offered in biostatistics, health promotion, advanced physiology, technical writing, epidemiology, computer training, and survival skills.

**Eligibility:** Must be admitted to San Jose State University for Fall 1999 and be a Sophomore or Junior.

**Duration:** June 19, 2000—July 28, 2000

**Deadline:** April 3, 2000

**Contact:** (408) 924-2911

Herlisa Hamp

Program Coordinator

San Jose State University

College of Applied Sciences and Arts

One Washington Square

San Jose, CA 95192-0049

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### University of California, Los Angeles School of Medicine

#### *Premedical Enrichment Program (PREP)*

**Description:** Two Tier Program

Tier #1: Scientific problem solving, analytical skills development, small group problem based learning, clinical preceptorships, research of patient case histories, self-development workshops, networking, counseling, medical-student mentoring. Stipend if 50+ miles. No tuition assistance or housing provided. Tier #2: MCAT preparation, scientific problem solving, analytical skills development, small group problem-based learning, self-development workshops, counseling, medical-student mentoring. Stipend if 50+ miles. No tuition or housing provided.

**Eligibility:** Disadvantaged students.

Tier #1: One year college chemistry or biology. 2.5 GPA minimum.

Tier #2: Minimum one year college biology, chemistry, math (pref. Calculus), two quarters/one semester physics,



minimum 2.8 GPA in the sciences. Official transcripts; recommendation from science professor and premed advisor/employer; two-page essay on background, motivation for health career, what you anticipate accomplishing in PREP.

**Duration:** Eight weeks;

June 26-Aug. 18

**Deadline:** March 10, 2000

**Contact:** (310) 825-3575

Director

UCLA PREP

Office of Student Support Services

13-154 CHS

Box 956990

UCLA School of Medicine

Los Angeles, CA 90095-6990

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## University of Southern California

### School of Medicine

*HePP—Consortium for Health*

*Professional Preparation*

**Description:** Year I: College chemistry, biology, introduction to mathematics or calculus. Year II: Physics, organic chemistry, calculus. Year III: Clinicals, writing, medical ethics, MCAT preparation. Invited speakers discuss disciplines, Q&A sessions. Housing and meals provided.

**Eligibility:** For Year I, graduation from high school prior to admission. Must be first-year freshmen student accepted to four-year program.

Advancement to Year II upon successful completion of Year I. Continuation contingent upon satisfactory progress.

**Duration:** Six weeks

**Contact:** (323) 442-1050

e-mail: [aalexand@hsc.usc.edu](mailto:aalexand@hsc.usc.edu)

Althea Alexander, Asst. Dean

Minority Student Affairs

Office of Diversity

1333 San Pablo Street

MCH 51-C

Los Angeles, CA 90089-9152

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## Out of State Programs

### Baylor College of Medicine/ Rice University Houston, Texas

*Honors Premedical Academy*

**Description:** Participate in clinic/lab, communications course, gross anatomy.

**Eligibility:** One year college (qualified postbaccalaureate applicants also eligible); U.S. citizen or permanent resident; 3.0 GPA overall, 2.75 in sciences; SAT at least 950 or ACT at least 20.

**Duration:** Six weeks

**Deadline:** April 3, 2000

**Contact:** (800) 798-8244

e-mail: [mmep@bcm.tmc.edu](mailto:mmep@bcm.tmc.edu)

Monique Riley, Program Coordinator

Center for Educational Outreach

Baylor College of Medicine

1709 Dryden, Suite 519

Houston, TX 77030

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### Case Western Reserve University/School of Medicine (CWRU)

*Health Careers Enhancement Program for Minorities (HCEM)*

**Description:** Basic science lectures, counseling regarding preparedness for application to medical school, and drill in MCAT test-taking. Stipend, housing, meals, and travel allowance.

**Duration:** Six weeks

**Deadline:** March 15, 2000

**Contact:** (216) 368-1914

e-mail: [jxw20@po.cwru.edu](mailto:jxw20@po.cwru.edu)

Joseph T. Williams

Director for Minority Programs

CWRU School of Medicine

10900 Euclid Avenue

Cleveland, OH 44106-4920

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### East Carolina University

*Summer Program For Future Doctors*

**Description:** Program offers an academic curriculum of medical studies that include cardiovascular sciences, biochemistry, microbiology learning skills, and introduction to the medical environment. Exposes students to the style, format and content of the Medical College Admissions Test (MCAT). Students receive learning opportunities to witness medicine in action, observe procedures and develop relationships with staff at primary care sites within the community.

**Eligibility:** Open to disadvantaged and minority students who have completed biology, chemistry, and physics.

**Duration:** Eight-week summer session.

**Deadline:** March 11, 2000

**Contact:** (919) 816-2500

Academic Support and Counseling Ctr.

East Carolina University

School of Medicine

Brody Medical Sciences

Building 2N45

Greenville, NC 27858-4354

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### Fisk University

*United Negro College Fund (UNCF)*

*Premedical Summer Institute at Fisk and Vanderbilt Universities (MMEP site)*

**Description:** Designed to help students compete successfully for acceptance into medical schools. Program components include study and test-taking skills, preparation and review for the MCAT, counseling on the medical school application process, exposure to outpatient, hospital, emergency, and/or surgical situations, and clinical/research aspects of medicine. Students will reside in dormitories on the Fisk University campus, and food services will be provided in the dining hall.

**Eligibility:** A U.S. citizen or hold a permanent resident visa; have a combined SAT or ACT score of at least 950 or 20; have completed at least one year of college; demonstrated a serious interest in a medical career.

**Duration:** Six weeks

**Contact:** (615) 329-8636

e-mail: [mckelvey@dubois.fisk.edu](mailto:mckelvey@dubois.fisk.edu)

Mary E. McKelvey-Welch, PhD,

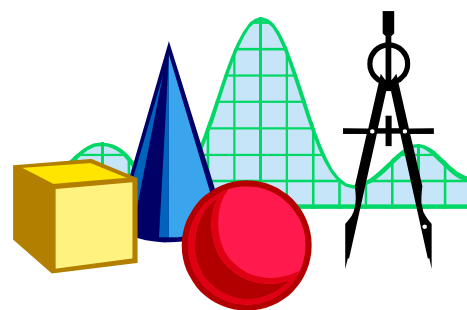
Director

UNCF Premedical Summer Institute

Fisk University

1000 17<sup>th</sup> Ave., North

Nashville, TN 37208-8636



## Harvard Medical School

### *Summer Honors Undergraduate Research Program*

**Description:** Summer Research program. Lab research in variety of topics supplemented with student research discussion seminars, career development series. Housing, travel to program, health insurance, min \$1000/month stipend and two meals/week.

**Eligibility:** U.S. citizen or permanent visa status; entering junior or senior year in college; previous research experience; personal statement of science interest and goals; two letters of recommendation; transcript; one page application form.

**Duration:** Ten weeks; mid-June to mid-August.

**Deadline:** Feb. 1, 2000

**Contact:** (617) 432-4980 or (800) 367-9019

e-mail: [Shurp@hms.harvard.edu](mailto:Shurp@hms.harvard.edu)

website: [www.hms.harvard.edu/dms/diversity](http://www.hms.harvard.edu/dms/diversity)

Jocelyn Spragg, PhD, EdM,  
Faculty Director, Minority Programs  
or Robert Pickard, Staff Assistant  
Division of Medical Science  
Harvard Medical School  
260 Longwood Ave.  
Boston, MA 02115

## Marquette University School of Dentistry/Physical Therapy

### *Summer Science Enrichment Program*

**Description:** Program for undergraduate students and high school students (juniors only) for exposure to fields of dentistry and physical therapy, and to strengthen science background.

Allows the college participants to interact with dental practitioners and dental students who provide monitoring and support. Students receive information on various dental specialties, and skills/attributes necessary to succeed in a dental career. Emphasis given in assisting students to develop strong academic skills. Students work with dental materials in laboratory setting. No cost for students residing in dormitories. Transportation to and from school provided for selected students. High school students take physical therapy courses, laboratory exercises, field trips and interact with physical therapy professionals and students.

**Eligibility:** High school juniors for physical therapy and dentistry undergraduates; minimum 2.5 GPA (transcript required), two semesters of biology or chemistry.

**Duration:** Six weeks

**Deadline:** April 2000

**Contact:** (414) 288-1533 or (800) 445-5385, ext. 2

High school students call: (414) 288-5505

e-mail:

[geraldine.green@carles.dental.mu.edu](mailto:geraldine.green@carles.dental.mu.edu)

Office of Multicultural Affairs

Marquette University

School of Dentistry, Rm. 145

PO Box 1881

Milwaukee, WI 53201-1881

## Medical College of Georgia

### *Student Educational Enrichment Program*

**Description:** All students will study a biomedical science course for four hours credit; attend a learning skills seminar; and take courses in MCAT review, analytical reading, and medical writing. Each student receives a biweekly stipend for living expenses and the program pays tuition and campus housing fees. Upon successful completion of the program, the student will receive an additional stipend.

There is no travel allowance.

**Eligibility:** Designed for two levels of college students who are interested in the health professions. Students in the intermediate group should have finished their freshman or sophomore year. Those in the advanced group should have finished their junior or senior year and be planning to apply to medical, dental, or graduate school, or an allied health program.

**Duration:** Seven weeks during the months of June and July.

**Contact:** (706) 721-2522;

fax: (706) 721-8203

e-mail: [wsykes@mail.mcg.edu](mailto:wsykes@mail.mcg.edu)

Office of Special Academic Programs

School of Medicine, AA-153

Augusta, GA 30912-1900

## New York University Medical Center

### *Minority Undergraduate Summer Research Program*

**Descriptions:** Nine week multifaceted program includes clinical and biomedical hands-on research. Participants receive a \$2500 stipend, round-trip transportation to program, and student dormitory housing.

**Eligibility:** Competitive, mature, highly motivated, well-qualified undergraduates with a strong interest in medicine or research that have completed their sophomore or junior years. Applicants must have a strong academic record, and have taken courses in chemistry, biology, and mathematics. Students of diverse backgrounds are encouraged to apply.

**Duration:** Nine weeks.

**Contact:** (212) 263-8949

Margaret Haynes, EdD, MPH

Associate Dean

New York University

School of Medicine

Office of Minority Affairs and Student Services

550 First Ave., LH room 4-34-0

New York, NY 10016

## Texas A&M University College of Medicine

### *Bridge to Medicine Summer Program for Disadvantaged College Students*

**Description:** Intensive study in basic sciences, reading, writing, study skills. Learn test-taking skills for MCAT. MCAT prep course, diagnostic, full-length mock exam. Clinical preceptorships, counseling, mock interviews, learning strategies workshop, medical lectures, others. Meals, lodging. Provide own transportation.

**Eligibility:** U.S. citizen, permanent resident, 2.8 GPA, at least 60 hours undergraduate coursework, including general biology with lab (eight hours), organic chemistry with lab (eight hours), math (three hours), English (three hours).

**Duration:** Six weeks, June/July 2000.

**Deadline:** March 1, 2000

**Contact:** (409) 862-4065

Thomas Bosquez, Program Director

Texan A&M University

Health Science Center

College of Medicine

Office of Special Programs

106 Reynolds Medical Building

College Station, TX 77843-1114

## Tufts University

### *Sackler School of Graduate Biomedical Sciences Summer Research Program for Undergraduate Minority Students*

**Description:** Laboratory research in the biomedical sciences, scientific seminars, field trips, a research symposium, workshops on medical school and graduate school admission. Stipend support, housing, and travel money available.

**Eligibility:** U.S. citizen or permanent resident, interest in biomedical research. Transcript, letters of recommendation, and application form required.

**Duration:** Twelve weeks

**Deadline:** March 1, 2000

**Contact:** (617) 636-0995

e-mail: [csamson@infonet.tufts.edu](mailto:csamson@infonet.tufts.edu)

Cathy Samson

Sackler School of Graduate  
Biomedical Sciences  
136 Harrison Ave.  
Boston, MA 02111

## University of Iowa

### **College of Medicine**

#### *Summer Enrichment Program*

**Description:** Introduction to the medical curriculum and provision for personal and career development. Students receive instruction in the basic sciences and exposure to medical school study and test-taking strategies. No tuition is charged for the summer program. A University grant covers living expenses and books.

**Eligibility:** Open to all students entering medical school class at the University of Iowa. Limit enrollment.

**Duration:** Eight weeks

**Deadline:** May 1, 2000

**Contact:** (319) 335-8056

Barbara Barlow  
Associate for Student Affairs  
University of Iowa  
College of Medicine  
124 Medicine Admin. Bldg.  
Iowa City, IA 52242-1101

## University of Massachusetts Medical Center

#### *Summer Enrichment Program (SEP)*

**Description:** Daily seminars on health issues; study skills, time management, test-taking skills. Sessions on MCAT, application process, AMCAS, financing medical education. Dorm housing required. Stipend.

**Eligibility:** Economically disadvan-

taged, minimum eight hours of organic chemistry and 30 hours college curriculum. Massachusetts state resident, and/or attending a college/university in Massachusetts at time of application.

**Duration:** Four weeks—residential.

**Deadline:** March 1, 2000

**Contact:** (508) 856-2707; toll free

(877) 395-3149;

fax: (508) 856-6540

e-mail:

isabel.feliciano@umassmed.edu

Isabel Feliciano, BA, BS

Program Director

University of Massachusetts

Medical School

Office of Outreach Programs

55 Lake Ave. N.

Worcester, MA 01655

## University of Michigan School of Public Health

#### *Summer Enrichment Program in Health Administration*

**Description:** Paid internship (professional health administration position) in southeastern Michigan health care organization. Field visits to health care agencies, lectures, GRE/GMT preparation course. Travel expenses, summer housing for students outside Detroit/Ann Arbor area.

**Eligibility:** Students entering junior, senior college year; interest in health administration, health policy; 2.8 GPA or above.

**Duration:** Eight weeks

**Deadline:** March 5, 2000

**Contact:** (734) 936-3296

e-mail: [UM\\_SEP@umich.edu](mailto:UM_SEP@umich.edu)

Carmen Harrison, MA

Richard Lichtenstien, PhD

Department of Health Management  
and Policy

School of Public Health II

University of Michigan

Ann Arbor, MI 48109-2029

## University of Pittsburgh School of Medicine

#### *Summer Premedical Academic Enrichment Program*

**Description:** Level 1: Designed for entering college freshmen or rising sophomores, for strengthening academic skills and building motivation. Program courses enhance learning in science, writing skills, and public

speaking. Provide opportunities to interact regularly with doctors and medical students who have background and educational experience similar to their own.

Level 2: Designed for college junior, or senior students who are interested in a medical career. The program gives college students experience in a research and hospital environment and helps students become more competitive candidates for medical school by offering training for standardized tests and interview situations.

**Eligibility:** Students interested in a medical career. Completed application (call for application), two letters for recommendation, essay indicating reason for seeking the position, and official transcript.

**Duration:** Seven weeks; June/July, 2000

**Deadline:** March 1, 2000

**Contact:** (412) 648-8987

Paula K. Davis

Assistant Dean of Minority Affairs

M-247 Scaife Hall

University of Pittsburgh

School of Medicine

Pittsburgh, PA 15261

## University of Rochester School of Medicine & Dentistry

#### *Summer Research Fellowship (SURF) Program*

**Description:** Research experiences with a faculty member engaged in ongoing research. Weekly seminars, workshops, and opportunities for observation of clinical activities. Stipend \$250/week. Free university housing for participants.

**Eligibility:** Completed at least two years of college; senior or postbaccalaureate students with at least six months of preprofessional training to complete. All applicants must have academic introduction to their scientific field of interest.

**Duration:** June/August, 1999

**Contact:** (716) 275-2175

Director, Ethnic & Multicultural  
Affairs

University of Rochester

School of Medicine and Dentistry

601 Elmwood Ave., Box 601

Rochester, NY 14642

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